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## **Flexible, Bendable, and Squishy MEMS Sensors**

### **Biography:**



**Zeynep Çelik-Butler** received dual B.S. degrees in electrical engineering and physics from Bogaziçi University, Istanbul, Turkey, the M.S. and Ph.D. degrees in electrical engineering from the University of Rochester. She was an IBM Pre-doctoral Fellow from 1983 to 1984, and an Eastman Kodak Pre-doctoral Fellow from 1985 to 1987. Her research interests include microelectromechanical systems, multi-functional reconfigurable sensors, noise and reliability in nanoelectronic devices. She has nine awarded and two pending patents, eight book chapters, and over 200 journal and conference publications in these fields. She currently serves in the editorial board of IEEE Transactions on Electron Devices, IEEE Sensors Journal and Journal of Nanoelectronics and Optoelectronics.

Dr. Çelik-Butler is a Fellow of IEEE, member of Eta Kappa Nu, and the American Physical Society. She is a Distinguished Lecturer for the IEEE-Electron Devices Society.